

Experimental Investigation of the Wake
Behind a Body of Revolution, by
L. I. Ilizarova, K. A. Pochkina, 12 pp.
RUSSIAN, per, Trudy Inst Fizy Aero
Tsentral'nyy Aero-Gidro, No 23, 1962,
pp 99-106. 9697841
FTD-TT-65-86

Sci - Phys
Aug 65

287,552

Impingement of an Annular Jet on a Screen,
by V. I. Kianzhonkov, 28 pp.

RUSSIAN, per, Trudy Inst Promyshlennaya
Aerodinamika, No 23, 1962, pp 174-199.

9696989

FTD-TT-64-513

Sci=Aero
Jun 65

282,231

An Attempt at a Study of Development of Personality
with the Aid of Hypnosis, by V. M. Gakkebush.
UNCLASSIFIED

RUSSIAN, per, Trudy Instituta Psikhonevrologii, No 2,
1930.

*Navy/APL

Sci - Med
Feb 60

Experimental Study of Personality Development by Hypnotic Inhibition, by V. M. Garkobush, S. I. Polinkovskiy, 45 pp.

RUSSIAN, per, Trudy X Instituta Psikhologii, Materialy i Vses Sezda Inzucheniya, Formirovaniya Cheloveka, No 2, 1930, pp 236-272.

SLA 60-21790

*Navy/APL

Sci
Vol IV, No 11
May 62

197, 976

Napalkov, P. N. and Martynova, N. V.
NOMENCLATURE AND CLINICAL CLASSIFICATION
OF SPONTANEOUS GANGRENE [1961] 13p.
[NIH] no. 37.
Order from OTS or SLA \$1.60 62-15158

Trans. of Sanitaro-Gigienicheskii Meditsinskii
Institut. Trudy (USSR) 1956, v. 33, p. 71-81.

DESCRIPTORS: *Cerebral cortex, Inhibition,
Stimulation, *Psychoneuroses, Mental diseases,
Cells (Biology).

(Biological Sciences--Pathology, TT, v. 8, no. 2)

62-15158

1. Title: Spontaneous
gangrene
- I. Napalkov, P. N.
- II. Martynova, N. V.
- III. NIH-37
- IV. National Institutes of
Health, Bethesda, Md.

Office of Technical Services

62-25404

Danishevskii, S. L.,
EFFECT OF DICHLOROETHANE AND CARBON
TETRACHLORIDE ON THE LEVEL OF PHOSPHATASE
ACTIVITY IN THE BLOOD. Report to the Annual
Scientific Conference of the Leningrad Sanitary-Hygi-
enic Medical Institute, 7 May 57. [1962] [9]p. 9 refs.
Order from OTS or SLA \$1.10 62-25404

I. Danishevskii, S. L.
II. Translations, New York

Trans. on Sanit[arno]-Gigien[icheski] Med[itsinski]
Inst[itut]. Trudy (USSR) 1958, v. 44, p. 155-163.

DESCRIPTORS: *Ethanes, *Chlorides, *Carbon
tetrachlorides, *Toxicity, Poisons, Deterioration,
Liver, Kidneys, Inhibition, *Phosphatases.

Dichloroethane and carbon tetrachloride inactivate the
alkaline phosphatase of blood in experiments in vitro.
Inhalation of dichloroethane and carbon tetrachloride
vapor as a rule lowers the alkaline phosphatase content
(Biological Sciences--Toxicology, TT, v. 9, no. 6)
(over)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

The Wave Equation for a Non-Uniform Medium, by
S. L. Sobolev, 83 pp.

RUSSIAN, per, Trudy Seismol Inst Ak Nauk SSSR,
No 6, 1930, pp 1-57. 9091775

AEC UCLR Tr-796(L)

Sci - Phys
Aug 62
List 1

206,098

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

The Problem of Density Distribution of Earth-
quakes Epicenters on the Territory of the
USSR, by V. V. Popov, 19 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Seismological
Institute, No 106, 1941, pp 9-11.

RDB/TIB Tr

SLA RT-1277

Sci

Dec 60

A-9442

A New Map Outling the Seismic Region of the
Soviet Territory, by Gorshkov.

RUSSIAN, per, Trudy Ak Nauk SSSR, Seismological
Institute, No 1, 1948, pp 71-73.

possibly to be done by *Navy/HO

USSR

Geog

15 Dec 60

Seismic Effect of Blasting, by L. A. Hogan.
ATTACHED, per, Study Inst Seismol Groy I Seismol.
Vol XL, 1962, pp 98-107.
•AEC

Sci-Nucl Sci
Jul 64

Settling-Out of Cobalt From Lean Solutions with
Sodium Sulfide, by Yu. A. Yablonskiy, V. I. Smirnov,
11 pp.
RUSSIAN, per, Trudy Inst Sverolovsk Ural'skiy
Politekhnikheskiy, No 134, 1963, pp 46-53. 9696872
FTD-TT-65-390

Sci - M/M
May 65

280,428

Trudy Akademii Nauk Tadzhik SSR,
Vol XX, 1954

see:

Trudy Stalin Astron i Observatorii Vol IV, 1954
pp 42-112, 125-151. CIA 569664V

ATIC F-TS-8863/III

7/4 Physical Theories Concerning the Strength of
Solids, by B. N. Marzullayev, I. G. Kaimykova,
18 pp.

~~RUSSIAN~~ RUSSIAN, per, Trudy Ak Nauk Tadzhikskoy SSR,
Vol LIV, 1956, pp 103-114, 9630413

ATTC MCL-597/III

ATTC MCL-597/III

Sci - Physics

Wire DC-2

Apr 61

147,784

The Attenuation of Seismic Waves During Local Earthquakes, by S. D. Vinogradov, M. S. Antsyferov, I. L. Nersisov, 13 pp.

RUSSIAN, per, Trudy Inst Seismol Ak Nauk Tadzhik SSR, Vol LIV, 1956, pp 29-40.

ABC SCL-T-301

Sci - Geophys
May 61

151,149

The Processing of Instrument Observations of
Earthquakes by Means of the Epicentral Method,
by S. I. Golenetskiy, 18 pp.

RUSSIAN, per, Trudy Inst Seismol Ak Nauk Tadzhik
SSR, Vol LIV, 1956, pp 41-56.

AEC SCL T-306

Sci - Geophys
Aug 60

124, 024

The Precision of the Azimuthal Method of Determining
the Coordinates of the Epicenter, by I. L.
Mersesov, V. A. Tokmakov, 21 pp.

RUSSIAN, per, Trudy Inst Seismol, Ak Nauk Tadzhik SSR,
Vol LIV, 1956, pp 57-77.

AEC SCL-T-300

Sci - Phys
Sep 60

124,850

The Seismicity of Tadjikistan in 1955, by T. I.
Gukhtikova, V. P. Bune, V. N. Gaitskiy.

RUSSIAN, per, Trudy Ak Nauk Tadzhikskoy SSR,
Stalinabad. Inst Seismologii, Vol LXXI, 1957, pp 3-19.

*AEC SCL-T-299

May 62
Vol 4, No 6

The Accuracy of the Determination of Angles With
the Aid of an Azimuthal Apparatus with Inclined
Seismographs, by V. N. Gaitskiy, 10 pp.

RUSSIAN, per, Trudy Inst. Seismol., Ak Nauk
Tadzhik SSR, Vol LXXI, 1957, pp 39-45.

AEC SCL-T-304

Sci - Phys
Sep 60

124,851

Testing of the Mechanical ~~SM~~ Seismographs
CMP-II (SMR-II) in Order to Evaluate the
Dimensions of a Seismically Dangerous Zone
During a Massive Explosion, by V. I. Bune,
A. A. Kon'kov, 15 pp.

RUSSIAN, per, Trudy Inst Seismol, Ak Nauk
Tadzhik SSR, Vol LXXI, 1957, pp 47-58.

AEC SCL T-303

Sci - ~~Eng~~ Nuc Phys
14 Oct 60

128,918

Catalog of Earthquakers Felt and Registered on the
Territory of Tadjikistan Between 1865-1940 and
1941-1952, by P. G. Semenov, V. A. Semenova.

RUSSIAN, per, Trudy Akad. Nauk Tadjikskoy SSR,
Institut Seismologii, Vol LXXXVI, No 3, 1958,
pp 3-138.

*AEC

Sci - Geophy
Apr 60

The Determination of the Initial Ordinate and the
Method of Constructing Epicentrals With a Linear
Hodograph, by S. I. Golenetskiy.

RUSSIAN, per, Trudy Ak Nauk Tadzhikskoy SSR,
Stalinabad. Inst Seismologii, Vol LXXI, 1959, pp 29-37.

*AEC-SCL-T-302

May 62
Vol 4, No 6

Annual Variation of the Rate of Increase
of Ionization of the F2 Region in the
First Half of the Day, by Yu. N. Yelizar'yev,
10 pp.

RUSSIAN, per, Trudy Inst Sibirskiy Fiziko-
Tekh, No 41, 1962, pp 49-54. P100092267
FTD-MT-65-292

Sci - Phys
Apr 67

322,043

Anomaly of the Annual Variation of the F2
Layer as a Function of the Entry of Solar
Radiation Into the Earth's Atmospheric,
by A. I. Likhachev, 11 pp.

RUSSIAN, per, Trudy Inst Sibirskiy Fiziko-
Tekhn, No 41, 1962, pp 62-67. P100092267
FTU-MT-65-292

Sci - Atmospheric Sci
Apr 67

322,044

The Connection Between the Increase of
Diurnal Ionization of the F2 Layer and the
Entry of Solar Energy Into the Atmosphere,
by A. I. Likhachev, 6 pp.

RUSSIAN, per, Trudy Inst Sibirskiy Fiziko-
Tekh, No 41, 1962, pp 68-71. P100092267

FTD-MT-65-292

Sci - Atmospheric Sci
Apr 67

322.045

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

A Hydrostatic Method for the Evaluation of the
Density of Liquids at Pressures up to 5,000
kg/cm², by V. N. Razumikhin.

RUSSIAN, per, Trudy Inst Standartov, V
No 46, (106), 1960, pp 96-106.

NLL M 6377

Sci - Phys
Mar 63

225,428

The Problem of Introducing Strontium Oxide into
Commercial Glasses Containing 13.5% Soda, by
M. V. Okhotin.

RUSSIAN, per, Steklo. Trudy Instituta Stekla.
Moscow, No 38, 1957, pp 38-41.

ATS 15Z128R - \$4.25.

WTC 72-60754-11B

Jan 73

XX The Problem of the Presence of Devitrite in
Foam Glass, by R. L. Shuster, T. P. Polyakova,
6 pp.

RUSSIAN, bk, Trudy Inst Stroitel'stva i
Stroymaterialov, No 2, Iz Ak Nauk SSSR, ~~Moscow~~
~~USSR~~, 1959, pp 163-166. 9683276

FTD-TT-63-275

Sci-Chem
Jun 63

234,555

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

Hydrophobized Powders for Filling
Polyether and Epoxy Resins, by
O. O. Pashchenko, R. V. Serbina, 5 pp.
RUSSIAN, per, Trudy Inst Tekh Informatsii,
Ak Nauk UkrSSR, No 4, 1964, pp 7-8.
P100059166
FTD-HT-66-78

Sci - Materials
Nov 66

314,161

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

Certain Principles of Development of
Diffusion Gas Flame Burning the Turbulent
Wake Behind a Stabilizer, by V. A. Khristich,
G. N. Lyubchik, 5 pp.
RUSSIAN, per, Trudy Inst Tekh Teplofiz
i Teplotekh, Ak Nauk UkrSSR, 1964. 9697998
FTD-MT-65-73

Sci - Engr
Sept 65

287,625

Combustion Modeling as a Method of
Investigation of Aerodynamic Processes
During Combustion, by P. I. Lavrov, 7 pp.
RUSSIAN, per, Trudy Inst Tekh Teplofiz
i Teplotekhn, Ak Nauk UKrSSR, 1964.
9697998

FTD-MI-65-73

Sci - Engr
Sept 65

287,624

General Principles of Combustion of Drops
of Suspensions, by D. I. Polishchuk,
L. P. Latonina, 6 pp.

RUSSIAN, per, Trudy Inst Tekh Teplofiziki
i Teplo tekhnika, Ak Nauk UKSSR, 1964.

0697998

FTD-IT-65-73

Sci - Engr
Sept 65

287,623

On a method for determining the shape of the Earth, etc.

N. F. Neklyudova. UNCLASSIFIED

RUSSIAN, per, Trudy Instituta Teoreticheskoy Astronomii, -
Vol IV, No 8 (61), 1950, pp 408-413.

*ATIC *MCL-35/V

Sci - Geophysics

Mar 59

Telegram 40697

New Class of Periodic Solutions in the Restricted
Three-Body Problem and Hill's Problem, by G. A.
Merman.

RUSSIAN, par, Trudy Ak Nauk SSSR, Inst Teoret Astron,
Vol I, 1952, pp 5-36.

Univ of Cal Film # 4

Sci - Astron
Jul 59
OTS I, 11

90,995

The Theory of the Regularized Geoid, by D. V.
Zagrebin.

RUSSIAN, per, Trudy Inst Teoret Astron, Ak Nauk SSSR,
Vol 1, 1952, pp 87-222.

ACIC

Sci - Astron

187,118

Mar 62

The Outer Gravitational Field of the Earth and
the Fundamental Constants Related to it, by
I. Zhongolovich, 182 pp.
RUSSIAN, per, Trudy Instituta Teoreticheskoy
Astronomii, Vol III, 1952,
ACIC-TC-1718

Jan 72

Theory of Motion of the Planet Pluto.
Part I: Plutonian Perturbations of the
First Order with Respect to Perturbing
Masses, by Sh. G. Sharaf.
RUSSIAN, per, Trudy Inst Teoreticheskoy
Astronomiy, Vol 4, 1955, pp 1-142.
NAS/NASA/TT F-490-68

Sci-Astron
Feb 69

375,361

Outer Gravitational Field of the Earth and Related
Fundamental Constants, by I. Zhongolovich, 214 pp.

RUSSIAN, per, Trudy Instituta Teoreticheskoy Astronomiy,
Vol III, 1952.

OCE Tr No 1

Sci - Geophysics

Copy of Case of IR, 014
Engineering drawing from 7001

Table of Contents.

RUSSIAN, per, Trudy Inst Teoret Astron, No IV, 1955.
" " " " " " , No V, 1956.

CIA/FDD X 2091

Table of Contents only of:

RUSSIAN, per, Trudy Inst of Teoret Astronom, No 6,
1956.

CIA/FDD X-2333

Determination of the Dimensions of the General
Terrestrial Ellipsoid, by I. D. Zhongolovich, 96 pp.

RUSSIAN, per, Trudy Instituta Teoreticheskoy
Astron., No 6, 1956, pp 5-66.

~~XXXX XXXXX~~
ATIC MCL-36/V

Sci - Geophys
Oct 59

99,500

63-14442

Merman, G. A.
THE ALMOST-PERIODIC SOLUTIONS AND THE
DIVERGENCE OF THE LINDSTEDT SERIES IN THE
PLANE RESTRICTED THREE-BODY PROBLEM.
CHAP. I. THE PROOF FOR THE EXISTENCE OF
THE SYMMETRIC PERIODIC ORBITS. Jan 62 [97]p.
(refs. in chap. 2).
Order from OTS or SLA \$8.60 63-14442

Trans. from Akademiya Nauk SSSR. Institut Teoreti-
cheskoi Astronomii. Trudy, 1961, v. 8.

DESCRIPTORS: *N-body problem, Celestial mechanics,
Orbital trajectories, Periodic variations, Fourier
analysis, *Series, Functions.

Contents:

The almost-periodic solutions

The series of Lindstedt

The series of Birkhoff

(Astronomy--Astrophysics, TT, v. 10, no. 4) (over)

- I. Title: Lindstedt-
Birkhoff series
- I. Merman, G. A.
- II. Title: Proof ...

Office of Technical Services

Merman, G. A.

THE ALMOST-PERIODIC SOLUTIONS AND THE
DIVERGENCE OF THE LINDSTEDT SERIES IN THE
PLANE RESTRICTED THREE-BODY PROBLEM.

CHAP. II. ALMOST-PERIODIC SOLUTIONS: LIND-
STEDT AND BIRKHOFF SERIES. Jan 62 [105]p.
32 refs.

Order from OTS or SLA \$14.00

63-14443

Trans. from [Akademiya Nauk SSSR. Institut
Teoreticheskoi Astronomii. Trudy. 1961, v. 8].

DESCRIPTORS: *N-body problem, Celestial mechanics,
Orbital trajectories, Periodic variations, Fourier
analysis, *Series, Functions.

Contents:

On the distribution of the symmetric periodic orbits of
the elliptic and the hyperbolic types

(Astronomy--Astrophysics, TT, v. 10, no. 3) (over)

63-14443

1. Title: Lindstedt-Birkhoff series
2. Title: Schwarzschild orbits
- I. Merman, G. A.
- II. Title: Almost-Periodic...
- III. Title: Lindstedt...

Office of Technical Services

Theory of Motion of the Planet Pluto.
Part II: Plutonian Perturbations of
the Second Order with Respect to Pert-
urbing Masses. Part III: Recalculation
of First-Order Plutonian Perturbations
with Respect to Perturbing Masses.
Part IV: New Elements of Pluto, by
Sh. G. Sharaf, N. A. Budnikova.
RUSSIAN, per, Trudy Inst Teoreticheskoy
Astronomiy, Vol 10, 1964, pp 1-173.
NAS/NASA/TT F-491 69

Sci-Astron
Feb 69

375,362

Trudy Instituta Teoreticheskoy Fiziki
Vol. II, pp 3-21

1947

"Some Scientific Problems of Astronomico-Geodesy in
Connection with the Study of the Earth's Hard Shell:
Author's Abstract" by F. N. Krasovskiy

Proj. 9639

FDD 513582

SR 34 Aug 51
514/00-1440

Trudy Instituta Teoreticheskoy Geofiziki

1946

Vol 1

Abstracts from "Works of the Institute of Theoretical
Geophysics, Vol 1 (1946) by O. Yu Shmidt, Editor-in-
Chief

published by the Academy of Sciences USSR Press

FDD No 513585

Proj. 9613

SR 24 Aug 46

Procedure for Computing the Acceleration of Gravity,
by V. A. Kazinskiy.

RUSSIAN, per, Trudy Inst Teorst Geofiz, Ak Nauk SSSR,
Vol II, No 2, 1947, pp 108-111.

ACIC

Sci - Geophys

Oct 62

215,845

The Geophysical Significance of Various Methods of
Computing Gravity Anomalies, by Ye. N. Ignatikh.

RUSSIAN, per, Trudy Inst Teoret Geofiz, Ak Nauk SSSR,
Vol XXI, 1947, pp 3-45.

ACIC

Sci - Geophys

Oct 62

215,894

Studies on Contact Heat Exchange Between Heat
Engine Parts, by I. T. Shvets, E. F. Dyban, et al, 38 pp.
RUSSIAN, per, Trudy Inst Teploenerget, No 12, 1955,
pp 21-53. 9695315
DDC RSIC-322

Sci - Engr
Dec 64

270,310

Investigation of Heat Transfer in the
Clearances of Fir Tree Roots of Working
Blades, by I. T. Shvets, E. P. Dyban.

~~XXXXXXXX~~

RUSSIAN, per, Trudy Inst Teploenerg, No 13,
1956, pp 3-19.

OT 7096

NKD M. 3359

Sci - Engr

215,500

Oct 62

Study Method and Physics of Heat Exchange
During Vapor Condensation, by N. V. Zozulya.
RUSSIAN, per, Tr. Inst. Teploenerg, Akad. Nauk.
Ukr. SSR, No 14, 1958, pp 32-42.
NASA TT F-369

Sci-Phys
Apr 66

298,815

Controlled Funnel-Shaped Directivity Pattern of a Stub
Antenna, by Yu. V. Kuznetsov, 4 pp.

Design. Short Technology Note, 1960
RUSSIAN, per, Trudy ~~LEMO~~, No 29, 1959, pp 86-90.

CIA/FDD XX-1246

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Sep 62

USIB INTERNAL USE ONLY

210, 164

(23-3901)

On the Fundamental Use of Sense in Machine
Translation; by A. K. Zolotovskiy, N. M.
Korotkiyeva, et al, 38 pp.

~~NUKLEIN, bk, Stroyny Instituta Tekhnicheskoy Mekhaniki~~
~~I Vychislitel'noy Tekhniki, 22 Mayskaya~~
~~10 2, 1961, pp 17-46.~~

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 629

(10-3901)

Machine Translation and Establishing Correspondence Between Language Systems, by
V. V. Ivanov, 29 pp.

RUSSIAN, bk. Tsvety Instituta Tekhnicheskoy Mekhaniki
i Yekhsialitel'noy Tekhniki, Ak. Nauk SSSR, No 2,
1961, pp 47-69.

JPRS 13543

Sci - Misc
Machine Translation
May 62

145, 630

(00-3501)

The Operational Form of an Algorithm for Machine
Translation, by V. A. Voronin, 17 pp.

RUSSIAN, in, Izv. Instituta Tekhn. Mekh. i
i Vychislitel'noy Tekhniki, AI NASH 1961, No 2,
1961, pp 70-87.

5
JPRS 13443 13443

Sci - Misc
Machine Translation
May 62

193, 631

(DC-3901)

One Approach to the Construction of a Vocabulary
For an Intermediate Language, by S. S.
Belokobyl'skaya, G. A. Volchok, et al., 16 pp.

RUSSIAN, bk. Trudy Instituta Tekhnicheskoy i Matematicheskoy
i Vychislitel'noy Tekhniki, Ak. Nauk SSSR,
No 2, 1961, pp 5-16.

JPRS 13543

Sci - Misc
Machine Translation
11/73

193, 628

(DC-3901)

On Standard Operators for an Algorithm for
Automatic Analysis of Russian Scientific Text
Matter, by I. A. Mel'chuk, 62 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Akad. Nauk SSSR, No 2,
1961, pp 85-134.

JPRS 13543

Sol - Misc
Machine Translation
May 62

193, 632

(100-3601)

A System of Independent Configurational Analysis
of Chinese Text Matter in Machine Translation,
by V. A. Voronin, 44 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 135-174.

2

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 633

(100-3991)

The Structure and Nature of a Glossary for
Independent Analysis of Chinese Text Matter, by
V. M. Zharebin, 8 pp.

RUSSIAN, bk, Trudy Instituta Tekhnoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 173-179.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 634

(10-1901)

On Solving Conversion Homonymy During Independent
Analysis of Chinese Text Matter, by V. M.
Zhernobin, 14 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki i
Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 180-191.

JPRS 13543

193, 635

Sci - Misc
Machine Translation
May 62

(DC-3901)

A Description of the Structure of Independent
Grammatical Analysis for Machine Translation
From the German Language, by V. V. Parshin,
15 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 192-203.

58

JPRS 13543

193, 636

Sci - Misc
Machine Translation
May 62

100-85007
The Structure of a Dictionary and Rules for
Analysis of the German Language, by
S. S. Belokrinitskaya, 21 pp.

RUSSIAN, bk, Trudy Instituta Tekhnoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, no 2,
1961, pp 204-221.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193. 637

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300880047-8

On Establishing the Syntactical Connections of
Prepositional Phrases Through Formal Analysis
~~(Prepositional Phrases Through Formal Analysis)~~, by
O. A. Tarasova, 124p.

RUSSIAN, bk, Trudy Instituta Tekhnoy Mekhaniki i
Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 240-249.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 639

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300880047-8

(D3-3901)

Syntactical Indicators for Words and Syntactical
Analysis of Clauses, by Yu. S. Marten'yanov,
23 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 261-279.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 641

(LC-3901)

On an Algorithm for Independent Morphological
Analysis of the Swedish Language, by
S. S. Belokrinitzkaya, T. E. Maloshnaya, 17 pp.

~~RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak. Nauk SSSR, No 2,
1961, pp 280-294.~~

JPRS 88 13543

~~RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak. Nauk SSSR, No 2,
1961, pp 280-294.~~

Sci - Misc

Machine Translation

May 62

193, 642

(10-8901)

The Principles of Syntactical Analysis of the
Tatar Language, by F. Dreyzin, R. Bashitov,
11 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, N Ak Nauk SSSR,
No 2, 1961, pp 294-303.

9

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 643

(10-3901)

A Table of Tatar-Russian Correspondences,
by F. Dreyzin, 10 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
& Tekhnicheskoy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 304-313.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193,644

(80-8901)

The Construction of Sentences in Independent
Synthesis of Russian Text Matter, by
T. M. Nikolayeva, 11 pp.

RUSSIAN, bk. Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 314-322.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 645

(100-3908)

An Algorithm for Ordering Words in a Sentence
in Independent Russian Language Synthesis, by
K. I. Babitskiy, 26 pp.

~~RUSSIAN, Bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak. Nauk SSSR, No 2,
1961, pp 323-337.~~

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 646

(12-3500)

The Basic Characteristics of a Japanese-Russian
Dictionary for Machine Translation, by M. D.
Yefimov, 10 pp.

RUSSIAN, bk, Trudy Instituta Tekhnov Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 338-346.

JPRS 13543

193, 647

Sci - Misc
Machine Translation
May 62

(10-5500)

ON An Analysis of Closed Constructions in Binary
Machine Translation From Chinese to Russian,
by A. A. Evonov, 13 pp.

RUSSIAN, bk. Trudy Instituta B Tekhnologii Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 347-357.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 648

(DO-5801)

The Analysis of Auxiliary Words in Binary
Machine Translation From Chinese to Russian,
by A. A. Zvanov, 13 pp.

RUSSIAN, bk, Trudy Instituta Tekhnologii
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 358-368.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 649

(U-3900)

The Linguistic Problems of Translation of Poetry,
V. V. Ivanov, 34 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak. Nauk SSSR, No 2,
1961, pp 369-395.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 650

(10-3001)

On the Acceptability of Phonological Models,
by V. V. Ivanov, 21 pp.

RUSSIAN, bk. Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, AN SSSR, NO 2,
1961, pp 396-412.

JPRS 13543

Sci. - Misc
Machine Translated
May 62

193, 651

(DC-3901)

An Experiment in Constructing a System for
Graphic Analysis of Chinese Characters, by
M. B. Yefimov, A. H. A. Zvonov, 11 pp.

RUSSIAN, bk, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Akad. Nauk SSSR, No 2,
1961, pp 413-422.

JPRS 13543

Sci - Misc
Machine Translation
May 62

193, 652

(DC-3801)

9

Problems in the Design of a Scanning Device,
by V. G. Komandrovskiy, 25 pp.

RUSSIAN, ok, Trudy Instituta Tekhnicheskoy Mekhaniki
i Vychislitel'noy Tekhniki, Ak Nauk SSSR, No 2,
1961, pp 423-444.

JPBS 13543

Sci - Misc
Machine Translation
May 62

193, 654

Physical Interpretation of the Process of
Stabilization of the Current Phase in a
Transmitter Antenna by Means of a Complex
Feedback, by I. A. Veselkov, V. N. Grishko.
RUSSIAN, per, Trudy Tomskogo Inst Radioelek
i Elektron Tekhn, Vol I, 1963, pp 24-26.
*FTD-TT-65-2052

Sci - Elec
Jan 66

Chemistry of Peat-Forming Materials: (1)
Conditions of Hydrolysis, and Yield of
Humic Acids, by V. A. Zeturo, V. E. Rakovskiy.
USSR

RUSSIAN, per, Trudy Inst Torfa, Ak Bank
Belorusskoy SSR, Vol VI, 1957, pp 38-51.

DSIR LNU RTS 1399

(11. 15s. 03.)

Sci - Chem; Geophys
Apr 60

113040

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

Chemistry of Peat-Forming Materials: (3) Syntheses
of Humic Acids From Natural Products, by V. A.
Batur, V. E. Rakovskiy.

RUSSIAN, per, Trudy Inst Torfa, Ak Nauk Belorus
SSR, Vol VI, 1957, pp 68-79.

SLH 60-23619 DSIR LIU FTS 1401

Sci - Chem

Aug 60

122,523

Methods of Separation of Phenolic, Basic and
Hydrocarbons, by L. B. Klinkin, V. S. Rakovskiy.
UNCL

RUSSIAN, per, Trudy Inst. Toffa, Ak. Nauk
Belorusskoy SSR, Vol VI, 1957, pp 274-290.

SLA 60-23600

DSIR LLU RES 1402

(IR. Os. Os.)

Sci - Chem
Apr 60

113,042

The Layerwise Changes in the Non-Hydrolyzed Peat
Residue of the Lowland Deposits, by K. K. Lebedev, 13 pp.
RUSSIAN, per, Trudy Inst Torfa Ak Nauk Belorusskoi
SSR, Vol VII, 1959, pp 36-49.
OTS 64-11072
PL-480

Sci - Agri
Jan 65

271,022

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

Humic Acids in Peat and Characteristics of Their
Structure, by T. A. Mukhareenko.

RUSSIAN, per, Trudy Inst. Tsvet., Ak Nauk SSSR,
Vol III, 1954, pp 120-132.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 96

Sci - Chem

Jun 59

88,582

Dyunin, A. K.
VERTICAL DISTRIBUTION OF SOLID FLUX IN A
SNOW-WIND FLOW (O Raspredelenii Raskhoda
Snegovetrovogo Potoka po Vysote) tr. by G. Belkov.
1961, 16p. 6 refs. NRCC Technical Trans. 999.
Order from NRCC \$1.00 NRCC C-3903

Trans. of ~~Akademiya Nauk SSSR~~. Transportno-
Energeticheskii Institut [Novosibirsk]. ~~Trudy~~ 1954,
no. 4, p. 49-58.

DESCRIPTORS: *Snow, Deposits, Control, *Wind,
Velocity, Turbulent flow.

(Earth Sciences--Frost, TT, v. 8, no. 2)

62-12852

- I. Dyunin, A. K.
- II. NRCC TT-999
- III. NRCC C-3903
- IV. National Research Council
of Canada

Office of Technical Services

Formulation of Trajectories of Air
Particles With the Aid of Electronic
Computers, by A. I. Burtsev, I. P. Vetlov,
15 pp.
RUSSIAN, per, Trudy, Inst Tsentral Prognozov,
16 CXXVIII, 1963, pp 46-55. 9696776
FTD-TT-64-1039

Sci-ELEC
Jun 65

282,244

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300880047-8

Patrushev, D. A. and Mikulinskii, A. S.
CHANGE OF CHARGE IN THE MELTING PROCESS IN
THE PHOSPHORUS FURNACE, tr. by Bertha P. Klenova,
19 July 6., 19p. 24 refs. TVA-3929.
Order from OTS or SLA \$1.60 62-24458

Trans. of Ural'skii Nauch[no]-Issledovatel'skii
Khim[icheskii] Institut'. Trudy (USSR) 1957 [v. 5]
p. 236-251.

DESCRIPTORS: *Phosphorus, Reduction, Melting,
*Furnaces, Slags.

Conclusions regarding the principal reactions which
take place in a plant furnace were derived from labora-
tory experiments, observations of plant-furnace
operation, and data in the literature. The reduction of
phosphates begins in the solid phase in the middle zones
of the furnace at about 1000° C. The process goes over
(Engineering--Chemical, TT, v. 9, no. 2) (over)

62-24458

I. Patrushev, D. A.
II. Mikulinskii, A. S.
III. TVA-3929
IV. Tennessee Valley
Authority,
Wilson Dam, Ala.

Office of Technical Services

Shchegrov, L. N.
THE REACTION BETWEEN TITANIUM TETRACHLO-
RIDE AND OXYGEN. [1962] 9p.
Order from ATS \$12.75

ATS-46P64R

Trans. of Ural'sk[iii] Politekh[itcheski] Inst[itut,
Sverdlovsk]. Tr[udy] (USSR) 1960, v. 96, p. 82-92.

DESCRIPTORS: *Titanium compounds, Chlorides,
*Oxygen, Chemical reactions.

63-12027

I. Shchegrov, L. N.
II. ATS-46P64R
III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS 46-4127

(Chemistry--Physical, TT, v. 9, no. 2)

Office of Technical Services

A Problem of Accomplishing Programmed
Motion, by R. Gabasov, 9 pp.
RUSSIAN, per, Trudy Inst Ural Polytech.
No 139, 1964, pp 86-95.
CIA/FDD X-5617

Sci - Math & Data Proc
May 65
FOR OFFICIAL USE ONLY

280,471

The Purification and Concentration of the Aphthae
Virus of the Foot-and-Mouth Disease, by A. S.
Rushchits.

RUSSIAN, per, Trudy ~~XXXX~~ Inst Vet Kazakh Filial
Vses Ak Sel'skokhoz Nauk imeni V. I. Lenina,
Vol VI, 1947-1952, pp 190-198. CIA D 507503

USDA

36,179

Scientific - Medicine

Jun 56 CTS/dax

On Some Biochemical Changes of the Blood in Experimental Foot-and-Mouth Disease, by A. S. Rushchits.

V

RUSSIAN, per, Trudy, Institut Veterinarniy Kazakhskiy
Filial Vses Ordena Lenina Ak Sel'skokhoziaistvennykh
Nauk Imeni V. I. Lenina, Vol VII, 1953-1954, Alma-
Ata, pp 42-46. CIA D 9008124 5

ISDA

43,300

Sci - Biology

Mar 57 CTS/dex